

Form PTO-1449  
(REV. 8-83)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

Serial No.:

12-199C2

08/057, 662

INFORMATION DISCLOSURE CITATION

Applicant:

JOHN West + Deng-KE YANG

(Use several sheets if necessary)

Filing Date:

5-4-93

GROUP

2515

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
C.M.	3585389	6-25-71	HODSON ET AL.	250	47	
C.M.	3600660	8-17-71	CHURCHILL, ET AL.	350	160	
C.M.	3620889	11-16-71	BALTZER, DONALD	161	5	
C.M.	3650603	3-21-72	HEILMEIER ET AL.	350	160	
C.M.	3680950	8-1-72	HAAS ET AL.	350	150	
C.M.	3703331	11-21-72	GOLDMACHER ET AL.	350	160	
C.M.	3711713	1-16-73	WYsocki ET AL.	250	83	
C.M.	3795529	3-5-74	CARTMELL + CHURCHILL	117	17	
C.M.	3816786	6-11-74	CHURCHILL ET AL.	313	91	
C.M.	3821720	6-28-74	GREUBEL ET AL.	340	173	
C.M.	3871904	3-18-75	HAAS ET AL.	117	72	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
C.M.	423881	4-24-91	EPO	-	-		
C.M.	451905A	10-16-91	EPO	-	-		
C.M.	1161039	8-13-69	GREAT BRITAIN	-	-		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

C.M.	J.P. HULIN, PARAMETRIC Study of Optical Storage effect in Mixed Liquid-Crystal Systems; 11-15-72; Appl. Phys. Lett. Vol 21 pp 455-457
C.M.	WYsocki ET AL, ELECTRIC-FIELD-INDUCED PHASE CHANGE IN CHOLESTERIC LIQUID CRYSTALS, PHYSICAL REVIEW LETTERS, VOL 20, # 19, pp 1024-25 5-6-68

EXAMINER

Charles Miller

DATE CONSIDERED

8-17-94

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.





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Form PTO-1440 (REV. 8-83)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 12-199C2	Serial No.: 08/057,662
<b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)				Applicant: John West + Dent-Ke YANG	
				Filing Date: 5-4-93	
<b>U.S. PATENT DOCUMENTS</b>					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
<div style="position: relative; width: 100%; height: 100%;"> <div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border: 1px solid black; transform: rotate(45deg); transform-origin: center;"></div> </div>					
<b>FOREIGN PATENT DOCUMENTS</b>					
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS
<div style="position: relative; width: 100%; height: 100%;"> <div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border: 1px solid black; transform: rotate(45deg); transform-origin: center;"></div> </div>					
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>					
EXAMINER	INITIAL	ALieu, F.m; Three States of A Cholesteric Liquid crystal IN Micropores, CA Selects-Liquid Crystals, Issue 12, 1985-pp1-7 S. CANO DAV et AL., - MAGNETIC FIELD EFFECTS IN NEMATIC AND CHOLESTERIC DROPLETS SUSPENDED IN A ISOTROPIC LIQUID, MOLECULAR CRYSTALS AND LIQUID CRYSTALS - 1973-Vol 23-pp283-297			
EXAMINER		DATE CONSIDERED			
Charles Miller		8-17-94			

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USPTO Form 1449		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: 12-199C2		Serial No.: 08/057,662	
INFORMATION DISCLOSURE CITATION				Applicant: John West and Deng-ke-Yang			
Sheet 1 of 1				Filing Date: May 4, 1993		Group: <del>2203</del> 2515	
U.S. PATENT DOCUMENTS							
Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date (If appropriate)
C.M.       	AA	4 0 9 7 1 2 7	6/27/78	Haas et al.	350	332	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
FOREIGN PATENT DOCUMENTS							
Examiner Initials		Document Number	Date	Country	Class	Subclass	Translation YES NO
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
	AN						
	AO						
	AP						
	AQ						
EXAMINER <i>Charles Miller</i>				DATE CONSIDERED 8-17-94			
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**Copies of references not provided at the time of this submission.							